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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/774,773	02/09/2004	David M. Fried	BUR920010120US2 (15040A)		
24241	7590 02/10/2006		EXAMINER		
	DELECTRONICS		LUU, CHUONG A		
INTELLECTUAL PROPERTY LAW 1000 RIVER STREET 972 E			ART UNIT	PAPER NUMBER	
			2818		
ESSEX JUNG	CTION, VT 05452		DATE MAILED: 02/10/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

SuppleMENTAL
Notice of Allowability

Application No.	Applicant(s)
10/774,773	FRIED ET AL.
Examiner	Art Unit
Chuong A. Luu	2818

Notice of Allowability	Examiner	Art Unit	
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	Chuong A. Luu	2818	L
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE OFFICE OF THE OFFICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE O	OR REMAINS) CLOSED in this apport of the communication GHTS. This application is subject to	olication. If not includ will be mailed in due	ed course. THIS
1. This communication is responsive to <u>07/01/2005</u> .			
2. The allowed claim(s) is/are 11-16 and 18-22.			
 3. Acknowledgment is made of a claim for foreign priority units. a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). 	been received. been received in Application No		ition from the
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the re	quirements
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give			IOTICE OF
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperson hereto or 2) to Paper No./Mail Date including changes required by the attached Examiner's Paper No./Mail Date 	on's Patent Drawing Review (PTO-		·
Identifying indicia such as the application number (see 37 CFR 1.4 each sheet. Replacement sheet(s) should be labeled as such in th			back) of
6. DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F			Note the
Attachment(s) 1. Notice of References Cited (PTO-892)	5. Notice of Informal Pa	atent Application (PT	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	(PTO-413),	,
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08	Paper No./Mail Date 3), 7. 🔲 Examiner's Amendr	e nent/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ☑ Examiner's Stateme 9. ☐ Other	nt of Reasons for Allo	owance

DETAILED ACTION

Allowable Subject Matter

Claims 11-16 and 18-22 are allowed.

The following is an examiner's statement of reasons for allowance: The examiner has reviewed the prior art in light of applicant's claimed invention and finds that the combined claims define over the prior art. The cited prior art does not disclose or suggest a semiconductor device inter alia the limitations "...a doped region comprised of a concentration of dopant ions, present in said at least one vertically oriented semiconductor body that extends inward from said vertical surfaces, wherein said dopant ions are diffused into said semiconductor body to a predetermined depth that is dependent on the thickness of the semiconductor body and the concentration of the dopant îons; and contacts present on outer portions of said at least one vertically oriented semiconductor body, wherein said doping region and said contacts are of the same dopant type thereby providing a resistor in said at least one vertically oriented semiconductor body...."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 10/774,773 Page 3

Art Unit: 2818

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong A. Luu whose telephone number is (571) 272-1902. The examiner can normally be reached on M-F (6:15-2:45).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David C. Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong Anh Luu Patent Examiner December 23, 2005